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October, 1988

Airports Conference Gears Up; We're Flying Toward the Future

The Eleventh Annual S.C. Airports Conference is gearing up to be one of the most successful in its history.

Topics to be presented during the Nov. 15-18 conference range from Wayports: A new way to solve an old problem, to Legal Issues in Aviation, moderated by an aviation attorney, to FBO Problems and Concerns. All topics emphasize our airports conference theme of "Flying Toward the Future".

"We, at the commission, are very excited about the conference," said assistant director Alan Alexander. "It allows various people and organizations involved in aviation and airport development to come together in a proactive setting. The meeting and

technical sessions allow a broad exchange of information and issues as well as the personal contact with decision-makers at all levels of the aviation community."

There's something for everyone involved in the aviation industry, whether you're a pilot, a FBO or an airport commissioner.

This year, there will be sponsored breakfasts, in addition to a sponsored bloody mary bar and cocktail parties. These should add a bit more sparkle to our workshops and listening sessions.

Of course, everyone has enjoyed the seafood extravaganza in years past and this year's will not disappoint you. Hudson's Restaurant is the scene for the gathering this year and promises to be an evening filled with culinary spe-

cialties and delightful libations.

Don't let the menu fool you. The real reason for attending the airports conference is to learn the exciting changes in the aviation industry.

Wayne Corley, Airport Development engineer said, "There are two very informative topics you should hear. One is Underground Storage Tanks and Hazardous Waste. It is a problem that will be affecting all airports with fuel farms or agricultural applicator operations."

"The other topic," Corley said, "Pavement Maintenance will bring the results of the recent pavement evaluation and management study that was completed as part of the state systems plan. The study de-

See Airports Conference, Page 6

Presidential Starts Flights From Columbia

Presidential Airways made its first daily flights from Columbia Metropolitan Airport to Washington, D.C., taking over where United Airline's left off.

Presidential will have three non-stop flights to Dulles Airport daily and under an agreement with United will be called United Express.

Bob Waddle, Columbia

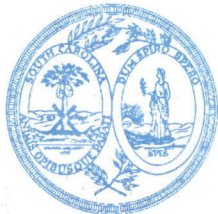
Metro Airport Executive Director, said this lease "will benefit the person who has business in Washington for one day and wants to return that same day."

Tickets and baggage will be handled through United Airlines and administrative and sales responsibilities by Presidential Airways, according to Waddle.

Departures are slated for 7:35

a.m., 10:40 a.m. and one evening departure at 6:55. Arrivals are scheduled for 10:05 a.m., 6:15 p.m. and 9:45 p.m. Presidential utilizes a 90-passenger BA-46 jet for the Columbia to Washington, D.C. flights.

Presidential Airways, which was established in 1984 by People's Express, is an express carrier for larger airlines.



PALMETTO AVIATION is an official publication of the South Carolina Aeronautics Commission. It is designed to inform members of the aviation community, and others interested in aviation, of local developments in aviation and aviation facilities, and to keep readers abreast of national and international trends in aviation.

The Aeronautics Commission is a state agency created in 1935 by the South Carolina General Assembly to foster and promote air commerce in the state.

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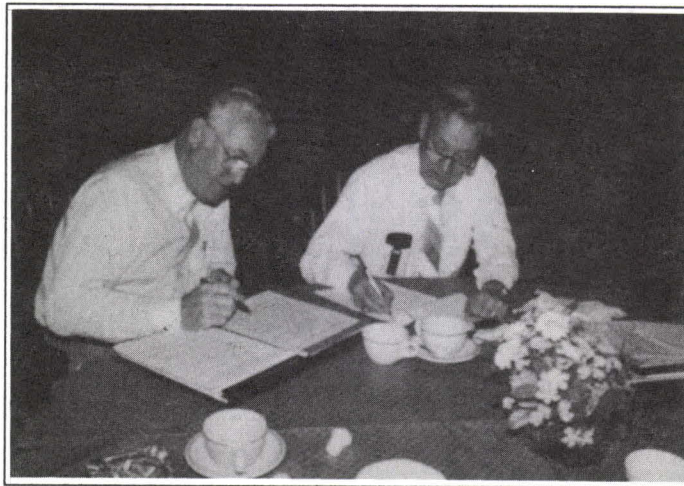
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S.C. Aeronautics staff members Bill Walls (l) and Bill Hobson review their yearly goals before presenting them to the Commissioners at their meeting at Wampee.



Commission Allocates \$809,000 In Airport Improvement Funds

The Orangeburg Municipal Airport, Saluda County Airport, Darlington County Airport and the Columbia Metropolitan Airport have been allocated airport improvement grants from the South Carolina Aeronautics Commission at their monthly meeting held in Moncks Corner.

The grants represent projects totalling \$14.6 million.

Commission Chairman Edwin S. Pearlstine announced the following grants:

- \$56,125 for **Orangeburg Municipal** for engineering and design services for a new realigned runway 17/35;

- \$2,881 to **Saluda County Airport** to repair and seal cracked apron and construct a taxiway to a three-bay T-hangar;

- \$28,819 to **Darlington County Airport** to construct an aircraft parking apron and a vehicle parking area;

- \$721,186 to **Columbia Metropolitan Airport** to extend and strengthen runway 5/23 and construct connecting taxiways. The project will also include filling,

grading, grassing, paving, erosion control and high intensity and medium intensity runway lights.

The \$721,186 awarded to Columbia Metropolitan Airport represent five percent of the total cost of the project to match the five percent local share of funding. The remainder of the project will be funded through federal sources with the total amount of the project \$14,423,722.

All other projects approved for capital improvement funds were allocated 50 percent of the total cost of the project.

In all \$809,011 in airport improvement grants were awarded to state airports at the meeting.

In addition to approving the above grants, the commissioners as well as key staff members met at Wampee in Moncks Corner.

There staff members discussed future goals, organizational ideas and departmental functions with commissioners.

Additionally, commissioners and staff members enjoyed a tour of the Tail Race Canal, the Santee Cooper locks and a short visit to Lewisfield Plantation.

South Carolina Aeronautics Commission Offices are at Columbia Metropolitan Airport. Mailing Address: Post Office Drawer 1987, Columbia, South Carolina, 29202. Phone: (803) 739-5400.

Airplane Theft: A Problem to be Attacked

Not long ago there was a stolen aircraft reported at Hilton Head. With more and more reported thefts, it is imperative that you protect your aircraft from theft.

The Aviation Crime Prevention Institute recommends the following steps to prevent your aircraft from being stolen:

- Provide any FBO you plan to use with a list of authorized personnel or crew members. Include an identification number, date of birth or social security number with each name. Unless a caller can identify himself with that number, the FBO should not prepare the aircraft for flight.

- Advise the FBO of the times you will operate the aircraft.

- Have a central point of contact for the FBO to verify any questionable requests. Phone calls from the FBO should be on a toll free number or authorized collect call to relieve the cost of the burden to the

FBO.

- Purchase and USE an anti-theft device. They are good deterrents to random theft.

- Do not keep vital aircraft records in the aircraft. Aircraft records are valuable documents and should be treated as such.

- Make arrangements with the FBO to have the aircraft checked daily. Once in the hangar, a thief can work on your aircraft unobserved and basically unhindered.

For FBOs:

- Be sure to ask for a list of authorized persons and crew who might make requests for service by phone or in person.

- Request accommodation information for transient crews.

- Request a key contact to confirm authorized departure instructions from anyone. Key contact can be the captain, owner, etc.

- When in doubt, call ACPI toll-free to check suspicious aircraft or registrations 1- 800-234-5444.

Charleston Elects Aviation Officers

The Charleston County Aviation Authority has elected David G. Jennings chairman for the next fiscal year at its annual meeting.

Jennings, a Charleston attorney, has served on the Authority for nearly eight years and has served as vice chairman for the past three years. He replaces William E. Craver, Jr., who earlier this month announced he would not seek re-election.

Craver has been the chairman of the Authority for the past 18 years and has seen major improvements in the Charleston County Airports during his ten-



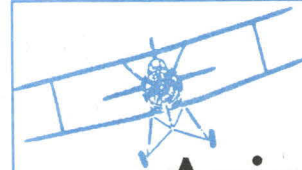
Jennings

ure, including building their modern terminal building for Charleston International.

The newly elected officers are as follows: David Jennings, Chairman; Harold Dukes, Vice Chairman; Arrie Holt, Secretary; Linda Soutter, Treasurer; David McCormack, Assistant Secretary; Robert L. Gailliard, Assistant Treasurer.

The Charleston County Aviation Authority owns and operates three airports — Charleston International Airport, Charleston Executive Airport and East Cooper Airport.

The Authority operates with revues in excess of \$9 million and provides air service for the coastal region.



Aviation Calendar

Sept. 30, October 1-2

Antique Fly-In
Woodward Field
Camden Airport

October 2

Breakfast Club
Woodward Field
Camden Airport

October 6-8

AOPA Nat'l Convention
Nashville, TN

October 9

Chester Air Show
Kim Person
Wayne Parrish
Breakfast Club
Chester Municipal Airport

October 16

Breakfast Club
Election of Officers
Orangeburg Municipal

October 21-23

AOPA Flight Instructor
Refresher Course
Columbia

October 30

Breakfast Club
Kirk Air Base
Lancaster, SC

November 13

Breakfast Club
Fairfield County Airport
Winnsboro

November 15-18

Flying Towards the Future
SC Airports Conference
Marriott Resort
Hilton Head Island

November 20

Moor e County Airport
Southern Pines, N.C.

November 27

Breakfast Club
East Cooper Airport
Mount Pleasant

The Sentimental Journey Evokes Memories & History



Veterans exchange war stories while visiting the B-17G Sentimental Journey in Greenville recently.

While its silver fuselage glistened in the bright September sunlight, thousands of school children, WWII veterans and aviation enthusiasts lined up to see the only flying fully restored B-17 in the nation.

Youngsters as well as WWII veterans enjoyed seeing the "Sentimental Journey" in her restored state and imagined what it was like to fly during the time.

But one veteran who did not have to imagine was Cliff Miller. He remembered flying a B-17 and said, "It's a little emotional to see the plane for me." Miller who flew his last mission in 1945 said, "It was time when we saw danger and war....I feel pretty good about it. It's a great plane."

"Sentimental Journey" stopped at the Greenville Downtown Airport to let thousands see how beautifully restored she is.

The Confederate Air Force and the American Air Power Heritage Foundation flew the "flying fortress" to the airport from her permanent home in Mesa, Arizona.

Although over 12,000 B-17s were built during WWII, only a handful remain restored and fully operational with the "Sentimental Journey" being the most complete.

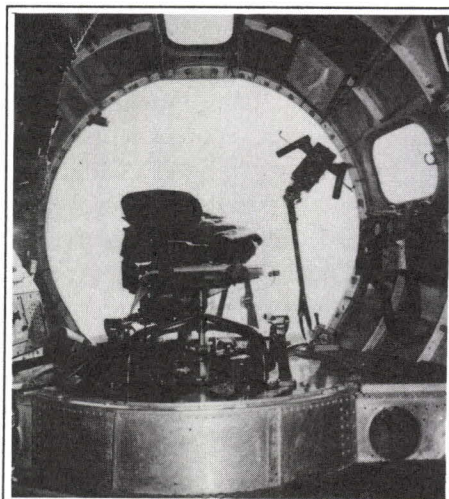
This particular bomber served in the Pacific in 1949 and was retired from active duty in 1959. The plane was purchased by Aero Union in northern California and used for fighting fires for over 14 years.

About 10 years ago, the B-17 was bought by the Confederate Air Force has been extensively renovated and is 95 percent fully restored, according to Col. Jim Stewart, of the CAF.

The Boeing B-17, in general, is known as the "flying fortress" and is perhaps the most famous of all WWII combat aircraft due to their precision bombing runs in every combat theater during that time.

Over 640,000 tons of bombs were dropped from B-17s on European daylight raids as opposed to 464,000 tons dropped by all other U.S. aircraft, according to the Confederate Air Force.

Although "Sentimental Journey" came off the assembly line too late to see war in Europe, she was assigned to duty in the Pacific.



The bombardier station inside of the B-17G is as immaculately kept as the outside.

In 1947, the plane was assigned to Clark field in Manila as a photo-mapping plane where she cruised all corners of the Pacific Ocean.

In 1978, when the Arizona Wing of the CAF received the B-17, she was in need of polishing, cleaning and repainting.

Additionally, the crew underwent extensive training in order to fly her to the destinations.

Even though Sentimental Journey was in excellent condition when the CAF got her, she still was without four operational turrets, operational bomb bays, navigator and radio operator stations, Norden bomb sight and machine guns. To many the plane was not up to being an authentic "flying fortress".

Restoration Officer Dave Dawkins called it "a massive jolt of work...all at one time."

He said, "there were two schools of thought at that time. One was to just make it a pretty, flying airplane. The other was to restore it to WWII configuration as fully as possible. The decision was made that we were going to have an original WWII flying B-17."

By the end of 1981 their labors paid off and they were ready to assemble all the pieces.

The Confederate Air Force, a non-profit museum, has 189 aircraft in the largest prop-driven air force in the world today. About 140 aircraft are fully operational, upholding the CAF's primary goal of preserving at least one example of each type combat plane built from 1939 to 1941.

The Greenville exhibition of the Sentimental Journey was sponsored by Cornerstone Aviation, the Greenville Hilton and the Greenville Airport Commission. Without their support the visit would not have been possible.

The Civil Air Patrol

This Major Knows the CAP is For a Lifetime

Major Ruby Hutchins, CAP, is the oldest female member of the SC Wing (72 years young) and has been an active member of the Wing since 1975. She was recruited by a co-worker at the Owens Corning Plant in Anderson who was a pilot for the local Anderson Squadron.

When Maj. Hutchins joined the Anderson Squadron, she began working with the Cadet and Senior Programs. Her special interest was, and still is, the Cadet Programs, so much so, that Maj. Hutchins has been to Cadet Summer Encampment for the past 11 years.

During those years, she has enjoyed several favorite encampments. The best location for Summer Encampment was Robins AFB, and the best overall encampment was spent at Shaw AFB, SC.

Among her favorite memories,

Hutchins includes her first Wing Conference and the Region Staff College at Peace College. She remembers them both for the friendship shown by the Civil Air Patrol members.

Hutchins also recalls the fun she had when managing the CAP booth at the State Fair and meeting visitors curious about the CAP.

She was also a key member in the recent dedication of the Anderson Squadron CAP facilities.

Although Maj. Hutchins has retired from Owens Corning after 21 years, she now fills her days by helping in Frederick's Flower Shop in Anderson and by caring for her great grandchildren.

Maj. Hutchins' secret to staying fit and active is the energy gained from being around the cadets and the young people.



Maj. Ruby Hutchins (l) helps Col. Douglas Abercrombia, SC Wing Commander, and Capt. Peggy Abercrombie cut the ceremony cake at the Anderson Squadron dedication.



CAP Dates to Remember

Oct. 2	Full Commander's Call, Wing & CAC
Oct. 8-9	Squadron Leadership School
Oct. 8-9	Second Weekend of E.S. Encampment
Oct. 15	Wing Workday
Oct. 22-23	EAF Training, Locations TBA
Oct. 29-30	Corporate Learning Course
Oct. 29-30	Third Weekend of E.S. Encampment
Nov. 12	Class B Encampment at MBAFB
Nov. 13	Full Commanders Call, CAC and Wing

Marion CAP Hits Air Waves

The Marion CAP has hit the air waves, but not with a new airplane. Radio stations WJAY-AM and WCIG-FM both of Mullins host a locally produced program called "America the Beautiful" on Sunday afternoons.

The program is based on 'what the Civil Air Patrol has to offer teenagers and adults in the area.'

The program's host is M.A. Bishara, professor at Francis Marion College. Bishara is a CAP member in the Marion Squadron and is involved in Aerospace Education, Testing and the Cadet program.

So far, programs have featured cadets from the Florence Squadron, the history of the Civil Air Patrol, and a program featuring Chaplain Paul Holbrooks.

Future programs include interviews with Col. Douglas Abercrombie, SC Wing Commander, and LTC. Amanda Anderson, Dir. of Cadet Programs.

Airports Conference Preview

Continued from Page 1

tails the existing condition, predicts future conditions, remedial corrective measures and costs."

While there will be important topics discussed during the workshops, there will be a number of aviation suppliers at the Airports Conference.

"In addition," Corley added, "we anticipate participation by many aviation suppliers who will have booths set up, product demonstrations and product literature for all to see."

Also, a feature you won't want to miss is a golf tournament on Tuesday at one of the island's famous courses. Eastern Atlantis and Henson Airlines have teamed up to sponsor the tourney. For all tennis enthusiasts, a tennis tournament will also be held. Spaces for both tourneys are limited make your reservations now by contacting Wayne Corley.

Be sure to make your reservations now for the "Flying Toward the Future" Airports Conference slated for Nov. 15, 16, 17 & 18 at the Hilton Head Marriott.

Registration fees for the full conference are \$100 per participant or \$80 if arrival is after the luncheon on Wednesday.

Make checks payable to SC Airports Conference and mail to SC Aeronautics Commission, ATTN: Vicki Miller, P.O. Box 1987, Columbia, SC 29202.

For hotel reservations call the Marriott (803) 842-2400. Room rates are \$48. But make sure you tell them you're attending to the S.C. Airports Conference for this special room rate.

These are some highlighted topics at the Eleventh Annual Airports Conference:

Wayports: A discussion about a new concept in air travel to build several new airports throughout the U.S. to serve as transfer points. This will reduce congestion in major urban areas.

Legal Issues in Aviation: Noted aviation attorney George Kosko will feature recent aviation cases and means by which airport owners, sponsors and pilots can protect themselves from litigation.

Airport Sponsor Guidelines: This will deal with the procedures and requirements in obtaining state grant funds.

Quality Control of Construction Projects: Experts in materials testing, asphalt and construction inspection will discuss the myriad of activities necessary to assure quality projects.

AFSS Status and Procedures: The status of the closing of Flight Service Stations and the full transfer of operations to the Anderson station will be presented with the procedures for filing flight plans, NOTAMS, etc..

Part 139, Changes and Compliance: New regulations have had significant impact on airport operations and expenditures. These changes will be discussed and experiences given of airports endeavoring to comply with the changes.

FBO Problems and Concerns: A round-table discussion of matters which affect FBOs on a daily basis.

Airport Commissioners and Managers Meeting: Another round-table

discussion is presented which will delve into the administrative and operational problems and solutions involving airports..

Maximization of Airport Resources: A presentation detailing unique and innovative ways airports can utilize existing excess property and facilities. Bob Waddle, newly elected president of American Association of Airport Executives, will give this lively presentation.

Microwave Landing Systems: A presentation of the MLS, its advantages and implementation presented by a major manufacturer of this equipment.

FAA/SCAC Listening Session: One of the most popular at the conference. Brief presentations of both the Federal and State airport aid programs will be given followed by questions and answers.

Underground Storage Tanks and Hazardous Waste: A problems all airports with fuel tanks must deal with is the new regulations regarding underground tanks and hazardous waste handling, storage and marking. Experts in the field as well as officials from the Department of Health and Environmental Control will make presentations and answer questions.

Pavement Maintenance: Experts on pavement maintenance will present effective measures to increase pavement life on your air facilities. The results of a six-month study of the state's airport pavements will also be discussed.

11th Annual Airports Conference

Hilton Head Marriott, Nov. 15,16,17 & 18

Registration Information:

Firm: _____

Name: _____ Phone: _____

Address: _____

City: _____ State: _____ Zip: _____

Amount Enclosed* \$ _____

Sign me up for Golf on Tues. ____ Sign me up for Tennis ____

*Registration fee is \$100 per participant for the full conference, or \$80 if arrival is after the luncheon on Wednesday.

FYI From the FAA

Conway Resident Wins Southern Region CFI of the Year

Many certificated flight instructors strive to be the best in their profession, but there are very few who actually achieve it.

One who has reached the top is Bob Burroughs, the 1988 Certificated Flight Instructor of the Year for the Southern Region.

"I want to say that there are many other certificated flight instructors qualified or more qualified to receive this award than I am," said Burroughs during the awards presentation at the FAA FSDO in September, "and I should accept this award in the name of all professionals."

Burroughs was chosen for this award by FAA officials who recognized the Conway resident's talent and ability to teach aviation skills for over 19 years. His nomination goes on to Washington D.C. to compete with nine other regional winners to ultimately win the national award to be named this month.

Making the presentation for the FAA was Edgar Lewis, Southern Region Flight Standards Manager, who said "We're sure Bob will be a strong competitor for the national award."

Lewis said, "We need more people like Bob who are willing to take responsibility to do the job of instructing so well."

During the presentation, Burroughs said the emphasis of aviation has shifted. "These days, with increasing air traffic, as an instructor, I've seen changes in regulations and the total concept of general aviation has changed."

"With increasing restrictions on air space," he said, "the certificated flight instructor has to be more aware of safety problems

more than ever."

Burroughs said he was concerned about the quality of newer, less experienced instructors. "The professional instructor is following the blue whale to extinction and the

Bob Burroughs (r) accepts the CFI Award for the Southern Region and the state from the FAA's Edgar Lewis, as Greta, his wife looks on.



professionals that are left have limited responsibilities that need to be filled."

Burroughs' name was submitted by his wife, Greta, who wrote in his nomination 'Along with being a gold seal flight instructor, he also serves as a volunteer accident prevention counselor and a designated pilot examiner. His 12,000+ hours of flight time (with no accidents, incidents, or violations) include personal, corporate, airline and commercial services with the majority of his time, 7,000 hours, as a flight instructor. Even with all his experience he states that he is still learning and practice and recurrent training play an important role in retaining his proficiency.'

In addition to his experience, his philosophy about teaching also enhances his instructing proficiency, according to Greta.

One area that concerns Burroughs is the way certificated flight instructors present themselves to their students and the general avia-

tion community.

Burroughs added that professional instructors "need to be teachers, confidants, and friends, and more than anything else they need to be role models."

Many times the flight instructor should maintain an image. Not only a personal image but a professional sort of image like a doctor or an attorney. Now I'll get off my soapbox."

Burroughs is employed by Gee-Bee Aviation Schools in North Myrtle Beach and his wife submitted his winning nomination.

The best endorsement came from Greta, 'Bob is a concerned teacher who wants his students to know more than just the maneuvers involved in the flight test. He wants then to exercise good judgment while developing their skills and knowledge of safety in all pilot operations. These reasons plus the fact that he has devoted over twenty years of service to the aviation community make him a worthwhile candidate for Flight Instructor of the Year.'

Indeed, Bob Burroughs is winner, not only in South Carolina and the FAA Southern Region, but perhaps, even the best in the nation.



**SOUTH CAROLINA
AERONAUTICS COMMISSION**
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This Month...

Inside Palmetto Aviation

- Sentimental Journey visits Greenville
- Preview of 1988 Airports Conference
- Charleston Aviation Elects Officers

... and much, much more!

1988 Airports Conference Schedule

Tuesday, Nov. 15

11:00 a.m. Golf & Tennis Tourney
3:00 - 5:00 p.m. **Registration**
5:30 - 7:00 p.m. Reception

3:00 - 3:45 **General Session**
1. AIP Program - FAA
2. State Bond Status - SCAC
3:45 - 5:00 FAA Listening Session
5:30 - 7:00 p.m. Reception

12:30 - 2:00 Luncheon
Afternoon Free Time
6:00 - until? Sponsored Cocktails
Seafood Extravaganza:
Hudson's Restaurant

Wednesday, Nov. 16

Registration ALL DAY

7:00 - 9:00 a.m. Breakfast
8:30 - 9:15 **Opening Session,**
9:15 - 10:30 Wayports
10:30 - 10:45 Coffee Break
10:45 - Noon **Preview of**

Concurrent Sessions
Noon - 12:30 p.m. Bloody Mary Bar,
Exhibits

12:30 - 2:00 Luncheon
2:00 - 3:00 **Concurrent**
Sessions

1. Part 139, Change & Compliance
2. Airport Sponsor Guidelines
3. Quality Control of Construction Projects

Thursday, Nov. 17

Registration (until Noon)

7:30 - 9:00 a.m. Breakfast
9:00 - 10:15 **General Session,**
Underground Storage Tanks
Hazardous Waste & Insurance

10:15 - 10:30 Coffee Break

10:30 - 11:15 **Concurrent**
Sessions:

1. Aviation Legal Issues
2. FBO Problems & Concerns
3. Microwave Landing System

11:15 - 12:15 p.m. **Concurrent**
Sessions:

1. Aviation Legal Issues
2. Airport Comm/Managers Meeting
3. Maximization of Airport Resources

Friday, Nov. 18

7:00 - 8:30 a.m. Breakfast
8:30 - 9:30 **General Session**
Pavement Maintenance
9:30 - 10:15 **Concurrent**
Sessions

(Repeated sessions)

1. FAA Listening Session
2. Part 139: Changes & Compliance
3. Airport Sponsor Guidelines

10:15 - 10:30 Coffee Break
10:30 - 11:15 **Concurrent**
Sessions:

1. Maximization of Airport Resources
 2. Quality Control Construction Projects
 3. AFSS Status & Procedures/AWOS
- 11:15- 12:30 p.m. **Closing Session**
Grand Prize

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